TABLE OF STRONG ACIDS

Completely Ionized in Water to Give One (*or more*) Protons per Acid Molecule

HI	$H^+(aq) + I^-(aq)$
HBr	$H^+(aq) + Br^-(aq)$
$HClO_4$	$H^+(aq) + ClO_4^-(aq)$
HCl	$H^+(aq) + Cl^-(aq)$
$HClO_3$	$H^+(aq) + ClO_3^-(aq)$
H_2SO_4	$H^+(aq) + HSO_4^-(aq)$ *(HSO_4^- is a weak acid that contributes additional protons)*
HNO_3	$H^+(aq) + NO_3^-(aq)$

TABLE OF STRONG BASES

Completely Ionized in Water to Give One (*or more*) Hydroxides per Base Molecule

NaOH	**$Na^+(aq) + OH^-(aq)$**
KOH	**$K^+(aq) + OH^-(aq)$**
LiOH	$Li^+(aq) + OH^-(aq)$
RbOH	$Rb^+(aq) + OH^-(aq)$
CsOH	$Cs^+(aq) + OH^-(aq)$
$Ca(OH)_2$	$Ca^{2+}(aq) + 2OH^-(aq)$ *(but not very soluble)*
$Ba(OH)_2$	$Ba^{2+}(aq) + 2OH^-(aq)$ *(but not very soluble)*
$Sr(OH)_2$	$Sr^{2+}(aq) + 2OH^-(aq)$ *(but not very soluble)*